

## CLAIMS

What is claimed is:

- 1 1. A method for providing Internet data mining functionality comprising the  
2 steps of:  
3 transmitting to a browser operated by a user a Web page for display to the  
4 user, the Web page including a control for activating a data mining function;  
5 launching a servlet in response to an indication that the control has been  
6 activated;  
7 transmitting a request for data mining processing from the servlet to a data  
8 mining engine;  
9 receiving a result of the data mining processing from the data mining  
10 engine; and  
11 transmitting the result to the browser.
- 1 2. The method of claim 1, wherein the servlet is a reusable software  
2 component.
- 1 3. The method of claim 2, wherein the servlet is a JavaBean.

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1 4. The method of claim 3 wherein the JavaBean comprises a call to a Java  
2 Application Program Interface.

1 5. The method of claim 2, wherein the servlet is launched using a Java  
2 Server Pages tag.

1 6. The method of claim 1, wherein activation of the control activates a  
2 Hypertext Markup Language tag.

1 7. The method of claim 1, wherein the result of the data mining processing  
2 comprises hypertext markup language code generated by the data mining engine.

1 8. The method of claim 1, further comprising the step of:  
2 generating Hypertext Markup Language code based on the received result  
3 of the data mining processing.

4

5 9. A computer program product for providing Internet data mining  
6 functionality in an electronic data processing system, comprising:

7 a computer readable medium;

8 computer program instructions, recorded on the computer readable  
9 medium, executable by a processor, for implementing the steps of:  
10 transmitting to a browser operated by a user a Web page for display to the  
11 user, the Web page including a control for activating a data mining function;  
12 launching a servlet in response to an indication that the control has been  
13 activated;  
14 transmitting a request for data mining processing from the servlet to a data  
15 mining engine;  
16 receiving a result of the data mining processing from the data mining  
17 engine; and  
18 transmitting the result to the browser.

1 10. The computer program product of claim 9, wherein the servlet is a  
2 reusable software component.

1 11. The computer program product of claim 10, wherein the servlet is a  
2 JavaBean.

1 12. The computer program product of claim 11 wherein the JavaBean  
2 comprises a call to a Java Application Program Interface.

1 13. The method of claim 10, wherein the servlet is launched using a Java  
2 Server Pages tag.

1 14. The computer program product of claim 9, wherein activation of the  
2 control activates a Hypertext Markup Language tag.

1 15. The computer program product of claim 9, wherein the result of the data  
2 mining processing comprises hypertext markup language code generated by the  
3 data mining engine.

1 16. The computer program product of claim 9, further comprising the step of:  
2 generating Hypertext Markup Language code based on the received result  
3 of the data mining processing.

1 17. A system for providing Internet data mining functionality comprising:  
2 a processor operable to execute computer program instructions; and  
3 a memory operable to store computer program instructions executable  
4 by the processor, the computer program instructions for performing the steps  
5 of:

6 transmitting to a browser operated by a user a Web page for display to the  
7 user, the Web page including a control for activating a data mining function;  
8 launching a servlet in response to an indication that the control has been  
9 activated;  
10 transmitting a request for data mining processing from the servlet to a data  
11 mining engine;  
12 receiving a result of the data mining processing from the data mining  
13 engine; and  
14 transmitting the result to the browser.

1 18. The system of claim 17, wherein the servlet is a reusable software  
2 component.

1 19. The system of claim 18, wherein the servlet is a JavaBean.

1 20. The system of claim 19 wherein the JavaBean comprises a call to a Java  
2 Application Program Interface.

1 21. The system of claim 18, wherein the servlet is launched using a Java  
2 Server Pages tag.

1 22. The system of claim 17, wherein activation of the control activates a  
2 Hypertext Markup Language tag.

1 23. The system of claim 17, wherein the result of the data mining processing  
2 comprises hypertext markup language code generated by the data mining engine.

1 24. The system of claim 17, further comprising the step of:  
2 generating Hypertext Markup Language code based on the received result  
3 of the data mining processing.